Vol 2 1881

Coin Sale Catalogues Priced

Date	Auctioneers		Owners or Cataloguers
1881 June 22-23	Bangs & Co	New York	O.A. Denison, W.E. Woodward
" 24	"	"	"
" 28-29		Lancaster	Chas. Steigerwalt.
" 29	Bangs & Co	New York	D. Bankhead, J.W. Haseltine
" "	Wm Seemuller	Baltimore	Harper, Moser, G.W. Massamore
July 27	D.T. Henry	Pittsburgh	S.H. Morgan.
" 28-29	Bangs & Co	New York.	M.C. Seffgerts, S.W.H. Chapman
Aug 31	Wm Seemuller	Baltimore.	Dr Geo W. Massamore.
Sept 8	Thos Birch & Son	Philadelphia	J.W. Haseltine.
" 9	Bangs & Co	New York	Ed Frossard
Oct 6	Wm Seemuller	Baltimore	Dr Geo W. Massamore.
" 10	G.A. Leavitt & Co	New York.	G. Blake. Scott & Co.
" 15	Bangs & Co	"	H.P. Smith
" 21-22	" "	" "	Ed Frossard.
" 25	" "	" "	C.E. Woolley, W.E. Woodward
" 26 to 28	" "	" "	J.E. Burton, W.E. Woodward
Nov 21	Wm Seemuller	Baltimore	Dr Geo W. Massamore
28 to 30	Bangs & Co	New York	J.W. Haseltine
Dec 8	" "	" "	Ed Frossard.
" 12-13	" "	" "	L. Grauer, J.W. Haseltine,
" 19	G.A. Leavitt & Co	"	Scott & Co
" 22		Lancaster	Chas Steigerwalt
" 27	Bangs & Co	New York	Ed Frossard.

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HUNTINGTON FREE LIBRARY
AND READING ROOM

THE AMERICAN NUMISMATIC SOCIETY

W. Elliot Woodward's

FORTIETH SALE

OF

Stone Relics, Etc.

The Jenison Collection.

JUNE 24, 1881.

CATALOGUE

OF THE

Archaeological Cabinet

OF

O. A. JENISON, OF LANSING, MICHIGAN.

COMPRISING

STONE IMPLEMENTS AND OBJECTS IN GREAT VARIETY.

AXES, TOMAHAWKS, CELTS, CHISELS, GOUGES, PESTLES, HAMMERS, SPEAR HEADS, ARROW POINTS, DRILLS, BANNER STONES, GORGETS, PENDANTS, AMULETS, PIPES, ETC., ETC.

THE WHOLE FORMING, WITHOUT DOUBT, THE BEST EXISTING COLLECTION ILLUSTRATING THE

STONE AGE

IN MICHIGAN, TOGETHER WITH A FEW PRE-HISTORIC OBJECTS IN COPPER, AND A GOOD VARIETY OF THE ARMS, ETC., USED BY THE SAVAGE TRIBES OF AMERICA WITHIN THE HISTORIC PERIOD.

ALSO A SMALL COLLECTION OF FINE COINS.

THE WHOLE

To be Sold by Auction,

By Messrs. BANGS & CO.,

Nos. 739 & 741 Broadway, New York City.

On Friday, June 24, 1881.

SALE WILL BEGIN AT 2.30, P. M.

THE ARTICLES WILL BE ON EXHIBITION THURSDAY, JUNE 23, AND ON THE DAY OF SALE AT 10 O'CLOCK A. M. MESSRS. BANGS & CO., AND ALL COIN DEALERS, WILL RECEIVE AND EXECUTE ORDERS FOR THE SALE.

Catalogue by W. Elliot Woodward,

Who will give any desired information concerning the articles and the sale.

BOSTON:

T. R. MARVIN & SON, NUMISMATIC PRINTERS.

1881.

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Correspondents are respectfully requested to send their orders at as early a day as practicable, that I may have my order book written up before leaving home. From June 19th to June 24th, they will please address their favors, care Messrs. Bangs & Co., 739 & 741 Broadway, New York City.

CATALOGUE.

A FEW FINE COINS.

1 Little medal and coin of the French Republic; both fine. 2 pieces.

2 Card of R. S. Torrey, Bangor, Me., 1864: the only copperhead issued in Maine; fine, *rare*.

3 1793 Cent; Liberty cap; poor, warranted genuine.

4 1794 Cent; patinated; the obverse is fine, showing but slight marks of circulation; rev. impression weak.

5 1794 Cent; head much like '93; fair.

6 1802 Cent; but little circulated.

7 1803 Cent; dark color, little circulated.

8 1817 Cent; perfect die; uncirculated, scarce.

9 1817 Cents; uncirculated, partly bright. 3 pieces.

10 1818 Cents; bright, uncirculated. 3 pieces.

11 1820 Cent; uncirculated, fine surface, scarce.

12 1820 Cent; equally fine, bright, uncirculated.

13 1820 Cent; uncirculated.

14 1822 Cent; barely circulated, though not a sharp impression, and of dark color.

15 1823 Cent; fair, scarce.

16 1848 Cent; fine, handsome color, scarce.

17 1852 Cent; bright, uncirculated, scarce.

18 1852 Cent; same quality, scarce.

19 1852 Cents; bright, uncirculated, scarce. 2 pieces.

20 1853 Cents; bright, uncirculated. 5 pieces.

21 1856 Cents; bright, uncirculated. 5 pieces.

22 1795 Dollar; fillet head, very fine: hair, and breast of the eagle just a trifle rubbed.
23 1841 Dollar: fine.
24 1843 Dollar; fine.
25 1847 Dollar; fine.
26 1850 Dollar, Orleans Mint; fine, scarce.
27 1868 Dollar; very fine, nearly proof surface.
28 1869 Dollar; splendid, equal to proof.
29 1869 Dollar; splendid, about like the last.
30 1869 Dollar; equally fine.
31 1806 Half Dollar; fine for the date.
32 1850 Half Dollar; very fine, scarce.
33 1851 Half Dollar; very good, nearly fine, scarce.
34 1866 Half Dollar; without the motto; fair, scarce.
35 1805 Quarter Dollar; barely fair, scarce.
36 1806 Quarter Dollar; good, scarce.
37 1815 Quarter Dollar; fair, scarce.
38 1818 Quarter Dollar; fine, scarce.
39 1819 Quarter Dollar; nearly fine.
40 1854 Quarter Dollar; uncirculated.
41 1855 Quarter Dollar; uncirculated.
42 1875 Quarter Dollar; uncirculated, proof surface.
43 1876 Quarter Dollar; as fine as the last.
44 1877 Quarter Dollar; in the same condition.
45 1879 Quarter Dollar: uncirculated, *rarer* than proof.
46 1837 Dime; bust, very fine.
47 1837 Dime; Liberty seated, very fine.
48 1860 Dime; brilliant proof.
49 1871 Dime; uncircirculated, brilliant.
50 1873 Dime; old style, brilliant proof.
51 1874 Dime; brilliant proof.
52 1875 Dime; brilliant, uncirculated.
53 1876 Dime: uncirculated, proof surface.
54 1877 Dime; same quality.
55 1879 Dime: uncirculated, *rarer* than proof.
56 1795 Half Dime: very fine, I think has never been in circulation.
57 1796 Half Dime; badly pierced, otherwise nearly fine, *rare*.
58 1800 Half Dime: good, *rare*.
59 1859 Half Dime: splendid proof.

60 1860 Half Dime; splendid proof.
61 1865 Half Dime; splendid proof.
62 1869 Half Dime; splendid proof.
63 1873 Half Dime; splendid proof.
64 1851 Three Cents; silver; Orleans mint; uncirc., scarce.
65 1853 Three Cents; silver; nearly proof.
66 1854 Three Cents; silver; fine, scarce.
67 1855 Three Cents; silver; fair, *rare*.
68 1857 Three Cents; silver; good.
69 1861 Three Cents; silver; uncirculated, proof surface.
70 1862 Three Cents; silver; has been a proof.
71 1858 Nickel Cent; splendid, uncirculated.
72 1859 Nickel Cent; splendid proof.
73 1861 Nickel Cent; brilliant, uncirculated.
74 1862 Nickel Cent; splendid proof.
75 1863 Nickel Cent; uncirculated.
76 1864 Nickel Cent; splendid proof.
77 1864 Bronze Cent; splendid proof.
78 1876-'77 Bronze Cents; splendid proofs. 2 pieces.
79 1878-'79 Bronze Cents; splendid proofs. 2 pieces.
80 1866 Nickel Five Cents; proof.
81 1867 Nickel Five Cents with rays: very fine, *rare*.
82 1867 Nickel Five Cents without rays; splendid proof.
83 1872 Nickel Five Cents, bright, uncirculated.
84 1873 Nickel Five Cents; splendid proof.
85 1876 Nickel Five Cents; splendid proof.
86 1873, '77 Nickel Three Cents; splendid proofs. 2 pcs.
87 1783 Chalmers Annapolis Shilling; poor, *rare*.
88 1783 Chalmers Annapolis Threepence; a minute hole has been skillfully filled; with this exception the coin is very fine, *rare*.
89 1792 Martha Washington Half Disme; pierced and plugged; in other respects good.
90 1711 Pistareen; monogram, Carolus; fine.
91 1786 Isle of Man Penny; head of George III., laureated; rev., Triune; fine, *rare*.
92 Bust of Louis XV. facing right; rev., a galley with a fleece suspended, "Non vilius aureo." "Col. Franc. de l'Am 1755;" copper, good, *rare*. 18.
93 1652 Pine Tree Shilling; solid copy, very fine.

94 Washington; fine bust facing right; rev., "With courage and fidelity he defended the rights of a free people;" bronze, nearly proof, *rare*. 26.

95 1792 Washington Half Dollar; in copper, on broad planchet, with extra deep milling; very fine and *rare*. 24.

96 1787 New Jersey Cent; horse with long neck, plow high, short, and much curved; fine.

97 1787 New Jersey Cent; horse's head with neck short and much curved, plow of rather slight proportions: handsome color, ~~barely circulated~~. poor

98 1787 Immunis Columbia; fine copy of the larger piece of this denomination; scarce.

99 1810 Spain. Four Reals: head of Joseph Napoleon; good.

100 1822 Dollar of Iturbide; from the mint of Mexico; unc., scarce.

101 1824 Mexican Dollar, from the mint of Durango; hook-neck eagle; very fine, scarce.

102 1822 Dollar; "Fernando 7 por la Gracie de Dios y la Constitucion"; uncirculated, scarce.

103 1844 Victoria. Half Crown; brilliant, has been proof.

104 Chinese Medal; a circle of 12 animals, and another of 12 Chinese characters; rev., eight characters, round hole in the centre; yellow bronze, fine. 30.

105 Felt's Indian Token, the largest size; a buck running; brass, brilliant, *rare*. 24.

106 Same, of smaller size; equally fine. 19.

107 California Centennial Medal; bust of Washington: gilt, very fine, scarce. 26.

108 Funeral Medal of the Duke of Wellington; a very beautiful medal; tin, proof. 32.

109 Funeral Medal of Rev. John Wesley; tin, fine. 22.

110 Belleville Token; T. Duseman; copper, fine.

111 Reduced copy of the medal presented by government to Gen. Harrison, for the battle of the Thames; copper, fine, scarce. 19.

112 1799 George III. Farthing; denomination on the reverse; bright, uncirculated, *rare*.

113 1870 Minor proof set; splendid. 4 pieees.

114 1871 Minor proof set; splendid. 4 pieces.

115 1874 Minor proof set; splendid. 4 pieces.

116 1875 Minor proof set; splendid. 3 pieces.

117 1877 Minor proof set; splendid, rare. 3 pieces.

118 1878 Minor proof set; splendid. 3 pieees.

119 1872 Splendid proof set. 10 pieces.

120 1873 Splendid proof set. 10 pieces. The old style, including the two cents, copper, and three cents, silver; *both very rare.*

121 1874 Splendid proof set; scarce. 7 pieces.

122 1875 Splendid proof set; scarce. 8 pieces.

123 1876 Splendid proof set; scarce. 8 pieces.

124 1877 Splendid proof set. 8 pieces; the twenty-cent piece is *very rare.*

125 1878 Splendid proof set. 8 pieces; includes the twenty-cent piece, which, like the last, is *very rare.*

126 1879 Splendid proof set. 8 pieces; includes both dollars; scarce.

127 1880 Splendid proof set. 8 pieces; both dollars.

THE JENISON COLLECTION.

All the stone objects here catalogued, with two or three exceptions, were found in the State of Michigan. This general statement is made to save constant repetition. As will be noticed, the implements, etc., are generally in almost the finest possible condition.

GROOVED AXES, CELTS, ETC.

The stone implements designated by the various names of ungrooved axes, celts, tomahawks, chisels, peelers, skinners, and fleshers, form a class so linked together by similarity of form, that it is often impossible to determine what name is most proper for an individual example. In the following catalogue the general term celt has been adopted, and it is not unlikely applied to some objects for which others would prefer different names.

128 Celt of fine granite; perfect. $7\frac{3}{4}$ x $2\frac{1}{2}$ in.

129 Celt of dark stone, polished; perfect. 5 x $2\frac{5}{8}$.

130 Celt of brown stone, polished, but shows marks of chipping; very fine. 4 x $2\frac{1}{4}$ in.

131 Celt; granite, one side concave, approaching the gouge form; very fine. $5\frac{1}{2}$ x $2\frac{1}{2}$ in.

132 Celt of rude workmanship, but perfect. $5\frac{1}{2}$ x $2\frac{5}{8}$.

133 Celt; ordinary form, slightly curved, edge oblique to the sides; perfect. $4\frac{5}{8}$ x $2\frac{1}{4}$ in.

134 Chisel; partly polished; head shows marks of use; perfect. $4\frac{3}{4}$ x 2.

135 Celt of light, slaty stone, one side nearly flat, end pointed; fine. $5\frac{3}{4}$ x $2\frac{1}{2}$ in.

136 Celt; light-colored granite; very fine, top showing marks of wear. $3\frac{1}{4}$ x $2\frac{1}{2}$ in.

137 Celt; sandstone, edge oblique to the sides, slightly grooved, unusual form; very fine. $4\frac{1}{4}$ x $2\frac{1}{4}$ in.

138 Celt; polished, fine. $4\frac{1}{4}$ x $1\frac{7}{8}$ in.

139 Celt; diorite, square head; perfect. $3\frac{3}{4}$ x 2 in.

140 Celt; nearly triangular; very fine. $4\frac{1}{4}$ x $2\frac{1}{8}$ in.

141 Celt; very fine. $3\frac{1}{2}$ x $1\frac{7}{8}$ in.

142 Celt; widening towards the head; rude work, but a *rare form*. $4\frac{5}{8}$ x $2\frac{1}{2}$.

143 Celt; edge flaring shaped, somewhat like a hatchet or broad-axe; perfect. $4\frac{1}{4}$ x $2\frac{3}{4}$.

144 Celt; polished, perfect. $4\frac{1}{4}$ x $2\frac{1}{4}$.

145 Celt; fine, but shows marks of wear and great age. $5\frac{1}{4}$ x $2\frac{1}{4}$.

146 Grooved Axe; of coarse granite, of unusual form, the groove being $1\frac{3}{4}$ in. in breadth, and extending entirely around; ridge above and below the groove: the head shows marks of wear, but the implement is perfect. $6\frac{1}{8}$ x $3\frac{1}{8}$.

147 Celt; of dark material, nearly black, highly polished, and as perfect as when it left the hands of the maker. Mr. Jenison says this is the finest implement of the kind he has ever seen. $4\frac{3}{8}$ x $2\frac{1}{2}$.

148 Celt; edge oblique, sides flattened; uncommon form: perfect. $4\frac{1}{4}$ x $2\frac{5}{8}$.

149 Grooved Axe: deep groove, large ridge above and below, blade narrowed; very fine. $6\frac{5}{8}$ x $3\frac{3}{4}$.

150 Grooved Axe; a most uncommon form, the edge being narrow, the groove broad and deep, with large projection above and below, and the head carried up to a blunt point; perfect; weight 4 lbs. $9\frac{1}{4}$ x $4\frac{1}{2}$.

151 Grooved Axe; in form nearly a parallelogram, groove near the head; symmetrical and perfect. $7\frac{1}{2}$ x $5\frac{3}{8}$.

152 Grooved Axe: of a form I have never before met with, the groove extending entirely around, cuts off more than two-thirds of the substance of the stone, the object being $3\frac{3}{4}$ inches in breadth, but at the groove only $1\frac{3}{4}$; somewhat mutilated and very ancient, but a most desirable specimen. $6\frac{3}{4}$ x $3\frac{3}{4}$.

153 Grooved Axe; narrow cutting blade, deep groove, with large flanges at the sides; head concave on the side and brought nearly to a point, a little of which is broken off: *rare form*, and very fine. $5\frac{1}{2}$ x $3\frac{1}{2}$.

154 Celt; edge a little convex, a slight groove around the middle of the implement, evidently for the purpose of hafting; it approaches somewhat to the adze in form; perfect. $6\frac{1}{2}$ x $2\frac{3}{4}$.

155 Celt; has been varnished, to show the beautiful polish the stone is susceptible of; perfect. $4\frac{1}{4}$ x $2\frac{1}{4}$.

156 Celt, or ungrooved axe; perfect. $5\frac{1}{2}$ x $2\frac{3}{4}$.

157 Chisel; of reddish brown material, resembling coarse Jasper; top has been hammered; perfect. $5\frac{3}{4}$ x $2\frac{3}{8}$.

158 Celt; light greyish stone: fine. 4 x 2.

159 Grooved Axe; flattened at one edge; though common in other States, a somewhat scarce form in Michigan; in shape nearly conical, edge narrowed to one inch. $4\frac{5}{8}$ x $2\frac{5}{8}$.

160 Grooved Axe; double bladed, the longer and principal blade is broken across the edge; the shorter blade is as well adapted for cutting as these implements usually are; very uncommon form. $8\frac{1}{4}$ x $3\frac{3}{4}$.

161 Celt; finely finished; perfect. $4\frac{3}{4}$ x $2\frac{5}{8}$.

162 Celt; edges flattened, top square; perfect. $4\frac{1}{4}$ x $2\frac{1}{8}$.

163 Grooved Axe; small size, thick, nearly round; perfect. 5 x $2\frac{5}{8}$.

164 Celt; polished, edge oblique; perfect. $6\frac{1}{4}$ x $2\frac{3}{8}$.

165 Grooved Axe; groove oblique to the edge; very fine. $7\frac{1}{4}$ x $3\frac{1}{2}$.

166 Grooved Axe; edge flat, for tightening with a wedge; of light, fine granite; perfect. $4\frac{1}{2}$ x $2\frac{3}{4}$ in.

167 Chisel; very fine. $4\frac{1}{2}$ x $2\frac{1}{4}$.

168 Celt; as perfect as when made, and of very graceful form. $5\frac{1}{2}$ x $2\frac{1}{4}$.

169 Grooved Axe; blade curving inward, head somewhat conical, uncommon form: very fine. 7 x $3\frac{3}{4}$.

170 Grooved Axe; in form slightly twisted, head approaching the conical form: edge just a little broken; very fine. $6\frac{7}{8}$ x 4.

171 Grooved Axe; nearly square; a little piece broken from the head; very fine. $4\frac{1}{2}$ x $2\frac{1}{2}$.

172 Celt, or ungrooved axe; perfect. $7\frac{1}{2}$ x $2\frac{7}{8}$.

173 Grooved Axe; narrow, and nearly round; head square and a little broken; fine. $5\frac{1}{4}$ x $2\frac{3}{8}$.

174 Celt; polished, perfect. $4\frac{3}{4}$ x $2\frac{1}{4}$.

175 Grooved Axe; grooved close to the head; fine. 6 x $3\frac{1}{2}$.

176 Grooved Axe; very fine. $4\frac{1}{4}$ x $2\frac{3}{4}$.

177 Grooved Axe; groove $2\frac{3}{4}$ in. in breadth; fine. $6\frac{3}{4}$ x $3\frac{1}{2}$.

178 Ungrooved Axe; very fine: weight 3 lbs. $8\frac{1}{4}$ x $1\frac{3}{4}$.

179 Ungrooved Axe, of fine, light-colored granite; the largest in the collection; very fine; weighs $4\frac{1}{4}$ lbs. $9\frac{1}{2}$ x $3\frac{5}{8}$.

180 Grooved Axe; greyish stone, narrow point; fine. $6\frac{1}{2}$ x $2\frac{3}{4}$.

181 Grooved Axe; fine workmanship, but badly broken: seems to have been used as a hammer. $5\frac{1}{2}$ x $2\frac{3}{4}$.

182 Grooved Axe with elongated head; very fine. 6 x 3.

183 Grooved Axe; nearly square, shallow groove, fine. $4\frac{1}{2}$ x 3.

184 Ungrooved Axe; thin and broad, varnished to show beauty of material; perfect. 6 x $2\frac{3}{4}$.

185 Ungrooved Axe; one side flat, very fine. $6\frac{1}{2}$ x $2\frac{1}{2}$.

186 Celt; fine. $6\frac{3}{4}$ x $2\frac{1}{2}$.

187 Flat Celt; trifle concave; partakes of the character of the adze, the gouge and the celt: *rare form*, very fine. $6\frac{1}{2}$ x $3\frac{1}{8}$.

188 Grooved Axe; the cutting edge extends up both sides nearly to the groove; fine; a *rare variety*. $5\frac{5}{8}$ x $3\frac{1}{2}$.

189 Grooved Axe; broken. 6 x $3\frac{3}{4}$.

190 Grooved Axe; polished and originally very fine, but badly broken. 6 x $3\frac{1}{4}$.

191 Polished Celt; very fine. $6\frac{1}{2}$ x $2\frac{1}{2}$.

192 Celt; thin and broad, top square, very fine. $5\frac{1}{2}$ x $2\frac{1}{2}$.

193 Celt; one side flattened, edge a little dull, very fine. 6 x $2\frac{1}{2}$.

194 Celt; head square, finely polished, perfect. $4\frac{1}{4}$ x $2\frac{1}{8}$.

195 Celt; fine. $3\frac{3}{4}$ x $2\frac{1}{4}$.

196 Celt; very fine, one side nearly flat, head square; fine. $3\frac{1}{2}$ x 2.

197 Grooved Axe; uncommon form, being flat on both sides, perfect; from Eaton Rapids. $5\frac{3}{4}$ x $2\frac{3}{4}$.

198 Celt; plano-convex, has been used with a hammer; fine. $5\frac{1}{4}$ x $2\frac{1}{4}$.

199 Celt; has a well-defined elevation running the whole length of one side; *rare* form; very fine. $5\frac{1}{2}$ x $2\frac{1}{2}$.

200 Celt; fine. $4\frac{1}{4}$ x $2\frac{1}{4}$ in.

201 Skinner; one side flat; fine. $4\frac{1}{2}$ x $2\frac{1}{8}$ in.

202 Celt; edge chipped, otherwise fine. 4 x 2.

203 Small flesher; one side concave; fine. $2\frac{1}{2}$ x $1\frac{3}{4}$.

204 Flesher; very fine. $2\frac{5}{8}$ x $1\frac{1}{2}$.

205 Celt; top broken; fine. $3\frac{3}{4}$ x $2\frac{1}{4}$.

206 Flesher. $2\frac{3}{4}$ x 2.

207 Celt; perfect. $3\frac{3}{4}$ x 2.

208 Celt; has been used with a hammer; fine. $4\frac{1}{2}$ x $2\frac{1}{4}$.

209 Celt; fine. $3\frac{1}{8}$ x $1\frac{1}{2}$.

210 Square Flesher. $3\frac{5}{8}$ x $2\frac{3}{8}$.

211 Tomahawk; slightly grooved for hafting; very fine. 5 x 2.

212 Broad, Flat Celt. $4\frac{5}{8}$ x $2\frac{1}{2}$.

213 Thin, Flat Celt; top pointed; perfect. $4\frac{3}{4}$ x$2\frac{1}{2}$.

214 Flesher; polished; perfect. 3 x $2\frac{1}{4}$.

215 Celt of light-colored stone; perfect and very handsome. $6\frac{1}{4}$ x $2\frac{1}{2}$.

216 Ungrooved Axe; very heavy material; fine. $7\frac{1}{2}$ x 3.

217 Grooved Axe; end broken off, and shows secondary use as a hammer; fine. 5 x $3\frac{1}{4}$.

218 Celt; nearly round and pointed. $8\frac{1}{4}$ x 2 $\frac{1}{2}$.

219 Celt; polished; perfect. $3\frac{3}{4}$ x 2.

220 Grooved Axe; head a little broken, but an unusual form. $4\frac{1}{4}$ x $2\frac{3}{4}$.

221 Grooved Axe; imperfect. $4\frac{1}{2}$ x 3.

222 A grooved implement; hammer form, but polished, and evidently never used, for pounding; neatly grooved, with a projection at one edge to prevent the object from turning in a handle; doubtless used as a head for a war club. 4 x $2\frac{3}{4}$.

223 A singular, double grooved instrument, the use of which is perhaps doubtful; its sharp grit and peculiar form suggests the probability that it was used as a polishing stone. 5 x $2\frac{1}{2}$.

PERFORATED OBJECTS.

BANNER STONES, GORGETS, PENDANTS, AMULETS, ETC.

The nomenclature of this class of objects varies amongst different collectors and writers to such a degree, that it is difficult to adopt terms acceptable to all. For the winged, perforated objects sometimes called ceremonial axes, I have preferred the more usual term Banner Stones; for the symmetrical objects with two perforations, I have selected

the term Gorgets, as preferable to any of the other names by which these things are called; for those with a single perforation, and evidently intended for suspension, I have followed those who have designated them as Pendants, preferring the name Plumb Bob for the objects sometimes called Pendants. The Amulets, under whatever name they might appear, would be recognized by their description. This explanation is for the guidance of those who, unable to view the objects, may order them from a distance.

224 Banner Stone; curved on both edges; symmetrical, and very fine; diameter of perforation, $\frac{3}{8}$ inch. 5 x $2\frac{1}{2}$ in.

225 Banner Stone; in form resembling the last, but grooved instead of perforated; one wing a little broken. 5 x $2\frac{7}{8}$.

226 Banner Stone; elliptical; large perforation oblique to the surface; remarkable form. $4\frac{3}{4}$ x $1\frac{1}{4}$.

227 Banner Stone; nearly rhomboidal in shape, notched on both edges about half way to the centre; symmetrical; very fine, of handsome striped slate. $3\frac{1}{2}$ x $2\frac{5}{8}$.

228 Banner Stone; one edge curved, the other, two straight lines, forming an obtuse angle; symmetrical and perfect, the finest in the collection. $5\frac{1}{4}$ x $2\frac{3}{4}$.

229 Banner Stone; elliptical, with ends rounded; symmetrical, but the ridge over the perforation is mostly on one side; fine. $5\frac{1}{4}$ x $2\frac{1}{8}$.

230 Banner Stone; nearly semi-circular, one side flat, the other raised, and, oddly enough, the perforation is on the flattened side. 4 x $2\frac{1}{8}$.

231 Banner Stone; formed much like 227, but more elongated; edges a little chipped in several parts, but a fine and desirable specimen. $4\frac{1}{4}$ x 3.

232 Banner Stone; exactly resembling the top of a crutch, or two horns, with broad bases joined, and points cut square; of dark striped slate, perfect; one of the finest objects in the collection. $7\frac{1}{2}$ x $1\frac{3}{4}$.

233 Banner Stone; similar to the last, one-half only.

234 Banner Stone; same general form, one-half only.

235 Banner Stone; elliptical, thick, large perforation, h'f only.

236 Banner Stone; a fragment of one evidently much finer than any in this collection.

237 Banner Stone with bifurcated wings; half only; very fine where perfect. 6 x $2\frac{3}{4}$.

238 Banner Stone; round, curved, perforation $\frac{1}{2}$ inch in diameter; both ends broken. $3\frac{1}{2}$ x $1\frac{1}{4}$.

239 Banner Stone; half of an elegant specimen; form of a square-headed celt, showing the perforation across the top. 3 x 2.

240 Banner Stone; round, with pointed ends; of dark striped slate, symmetrical, and absolutely perfect. 4¼ x 1.

241 Banner Stone; winged, but with grooves instead of perforations, fine; one corner broken. 4¾ x 3.

242 Gorget; oval, of light color, slaty sandstone, very fine. 4¼ x 3.

243 Gorget; oblong, with sides and ends curved; one surface concave; of translucent quartzite, beautifully finished and perfect. 3¾ x 2¼.

244 Gorget; striped slate, oblong, with ends square. 3 x 1⅜.

245 Gorget; elliptical, with ends truncated, three perforations; dark striped slate, with veins of white; perfect. 5½ x 2⅜.

246 Gorget; broken at one end, but of remarkable size, and evidently of great antiquity; originally 9½ in. long, now 7 x 1¾.

247 Gorget; elliptical, ends slightly blunted; highly finished, perfect. 5¼ x 1½.

248 Gorget; sides curved, one end broader than the other; finely finished, an unusual form, perfect. 5½ x 1¾.

249 Gorget; of irregular form; not mutilated in any way, and I judge it to be an unfinished object. 3½ x 2¾.

250 Gorget; edges curved, ends nearly square; of very light and soft material, fine. 4½ x 2.

251 Gorget; one end a little broken. 4¼ x 1¾.

252 Gorget; shuttle shape; original length 8 in. 6 x 2.

253 Gorget; oblong, with curved edges. 3 x 2.

254 Gorgets; all imperfect, but originally fine. 6 pieces.

255 Gorgets; a lot, about the same quality as the last; one, of a light material, has on the surface on each edge a line of bosses, giving it a highly ornamented appearance. 8 pieces.

256 Pendant; reddish brown stone; length 4⅞, breadth at one end 2⅜ in., tapering at the other to 1 in.; large perforation, very fine.

257 Pendant; triangular; of striped slate; polished and perfect. 3 x 2½.

258 Pendant; reddish brown stone, like jasper; very fine. 3¾ x 1⅝.

259 Pendant; somewhat oblong in form; length 3¾ in., breadth 2¼ in., narrowing towards the opposite end; fine.

260 Pendant; length 4¼ in, breadth 2 in., tapering to 1¼ in. at the opposite end; very fine.

261 An object which I am unable to classify; it is of dark stone, $4\frac{3}{4}$ in. long, $2\frac{5}{8}$ in. wide; near the top, which is near to a cutting edge, are two perforations; the opposite end, which is slightly gouge form, is sharpened to a knife edge; the instrument is highly finished, polished, in perfect condition, and certainly quite remarkable.

262 Pendant; perforated near the centre; thin, very fine. 4 x 2.

263 Pendant; oblong, one side rounded the other flattened; fine. $3\frac{5}{8}$ x $1\frac{3}{4}$.

264 Pendant; oblong perforation near the centre; fine. $2\frac{1}{4}$ x $3\frac{1}{4}$.

265 Pendant; oblong; very fine. $3\frac{5}{8}$ x $2\frac{1}{4}$.

266 Pendant; oblong; thin, fine. 3 x $1\frac{7}{8}$.

267 Pendant; club form, of striped slate, beautifully finished; top square, the bottom curved and flaring, perforation near the upper end. $4\frac{5}{8}$ x $1\frac{5}{8}$.

268 Pendant; knife-shape; one end rounded; $1\frac{1}{2}$ in. broad; the opposite end tapers to a point; length 5 in.; thin and delicate, with small perforation.

269 Pendant; anchor-shape; material and workmanship like number 267, but of a more remarkable form than that. $3\frac{3}{4}$ x $2\frac{1}{8}$.

270 Pendant of dark, compact slate, finely finished; perfect. $3\frac{5}{8}$ x 2.

271 Pendant of same material as the last; nearly oblong; narrows a little at one end; highly finished and perfect. $4\frac{3}{8}$ x $1\frac{5}{8}$.

272 Pendant; oblong. $3\frac{1}{2}$ x 2.

273 Pendant; very fine; tapering. 4 x $1\frac{3}{8}$.

274 Pendant; oblong; finely finished, perforation near the centre. 4 x 2.

275 Pendant; purple slate; tapering, thin, corner a little broken; handsome work and material. $4\frac{1}{8}$ x $2\frac{1}{4}$.

276 Pendant; well finished, but of irregular form; perforation of uncommon size; the narrow end brought to a sharp cutting edge. 4 x $2\frac{1}{2}$.

277 Little perforated ornament; nearly square with projecting corners. 1 x $\frac{7}{8}$ in.

278 Oval Pendant, engraved on one side with a curious human figure holding a stick or weapon in each hand; this figure seems to be cotemporary with the rest of the work; a very curious little object; perforated near one end. $1\frac{1}{4}$ x 1 in.

279 Amulet; bird shape, resembling, as much as anything, a duck with an enormously elongated head, sitting on the water with eyes projecting and tail elevated and spread; an oblique perforation at each end of the body, much in the style of those in Japanese Netsukes; workmanship as fine as that shown on any stone implements; polished; material, beautiful striped slate; length 5¼, height 1⅝.

These objects, Jones says, "Are but seldom seen in that part of the country once occupied by the Southern tribes." So far as I know, they are never found in the Eastern States, and amongst the thousands of stone objects which I have had at different times, I never found one of these except in this collection. It seems to me they are amongst the rarest and most curious of pre-historic relics. It has been surmised that they were used in husking Indian corn; it would, perhaps, be difficult to assign to them a more fanciful use. An examination makes it evident that the holes are for the passage of a string; their form indicates that they were not for suspension, for if suspended they would hang with the head down; is it not possible that they were ornaments worn on the head? their uniformly perfect condition proves that they could not have been subjected to any mechanical use.

280 Amulet; same general character as the last, but the eyes do not show and the tail is not spread; perfect. 4¼ x 1¾.

281 Amulet; same form, but the head raised; of striped slate, a flake of which has been split off from one side; bears some ornamentation which may have been added by a modern hand, though there are decided indications to the contrary. 4¾ x 1¾.

282 Amulet; same general description, but the head is thicker and shorter, and the tail less spread; on the neck and under the head a series of twenty-nine slight notches or tallies; striped slate. 4⅜ x 1⅝.

283 Amulet; this example is much shorter in proportion than any of the others; it is beautifully finished in the same material, but lacks the perforations. 3 x 1¾.

284 Amulet; same general form, but the raised head reminds one more of a seal than a bird; the tail broad and elevated; finely finished, in beautiful striped slate, worked, contrary to the other examples, directly across the grain.

285 Amulet; differs from all the rest, the body being very short and thick, the tail small and the end scolloped or notched all round; the head, if it ever had one, broken off; finely finished. 2¾ x 1¼.

286 Amulet; of the same material and superior workmanship as the last seven described, but in form of a cylinder flattened on one side; slightly contracted at one end and enlarged at the other; pierced like the others. $6\frac{3}{4}$ x $\frac{3}{4}$ in.

LONG PESTLES.

The Long Pestle, or Roller, as sometimes called, is frequently met with in the Eastern States, but in the West is of much less common occurrence. In view of this fact the large number in this collection is remarkable, as they are, without exception, from Michigan.

287 Pestle; dark stone, nearly black, well wrought, partly polished, one end worn to a smooth, conical form by long use; perfect. 15 x $2\frac{1}{4}$.

288 Pestle; round, tapering; very fine. Length $16\frac{1}{2}$ in.; diameter $2\frac{1}{2}$ in. at one end, $1\frac{5}{8}$ in. at the other.

289 Pestle; marks of wear at both ends; tapers from the middle; very fine. $12\frac{1}{2}$ x 2.

290 Pestle; tapers from the middle. 14 x $2\frac{1}{2}$.

291 Pestle; tapering; somewhat flattened. $11\frac{1}{2}$ x $2\frac{1}{4}$.

292 Pestle; rudely made and evidently very ancient. $9\frac{5}{8}$ x $2\frac{7}{8}$.

293 Pestle; ends beveled. 13 x 2 in.

294 Pestle. $8\frac{1}{2}$ x $2\frac{1}{2}$ in.

295 Pestle of green stone. 10 x $2\frac{1}{4}$.

296 Pestle; flesh-colored quartzite; one end broken; rare material and form. $8\frac{3}{4}$ x $2\frac{1}{2}$.

297 Pestle. $5\frac{1}{2}$ x $1\frac{3}{4}$ in.

SPEAR HEADS AND ARROW POINTS.

These 53 next described lots are believed to be without exception from Michigan, and it would be difficult to make a more beautiful and varied selection. They are all perfect, great care having been taken in assorting them. Amongst them will be found fine examples of nearly every known form, and in material as diversified as the State affords.

298 Elliptical Spear Head; base rounded; perfect. $5\frac{1}{4}$ x $1\frac{3}{4}$.

299 Broad, Barbed Spear Head with stem; perfect. 4 x $2\frac{1}{4}$.

300 Spear Head; long stem. $3\frac{7}{8}$ x 2 in.

301 Spear Head; black flint, barbed; perfect. $3\frac{1}{4}$ x $1\frac{5}{8}$.

302 Triangular, barbed spear head, of light feldspar. $4\frac{1}{4}$ x $2\frac{5}{8}$.

303 Spear head; nearly a right angled triangle, with stem; pink feldspar. $3\frac{3}{4}$ x $3\frac{1}{8}$.

304 Spear head, with stem and barbs; of beautiful variegated stone. $4\frac{3}{8}$ x $2\frac{3}{4}$.

305 Spear head; barbed. $5\frac{1}{4}$ x $2\frac{3}{4}$.

306 Spear head, with stem. 4 x $1\frac{1}{4}$.

307 Triangular spear head; serrated. $2\frac{1}{2}$ x 2.

308 Curved rotary spear head; barbed, and with stem; pinkish feldspar; a *rare form*. $4\frac{1}{2}$ x 2.

309 Spear head; shield-shape, with barbs; pink feldspar. $3\frac{3}{4}$ $2\frac{5}{8}$.

310 Bevelled spear head; same material; perfect. $3\frac{1}{4}$ x $2\frac{1}{8}$.

311 Spear head; bevelled and curved. $2\frac{7}{8}$ x $2\frac{1}{8}$.

312 Spear head; barbed. $4\frac{1}{2}$ x 2.

313 Spear head. $3\frac{3}{4}$ x 2.

314 Spear head; clouded flint. $4\frac{3}{4}$ x $2\frac{1}{4}$.

315 Spear head; shows some recent chipping. $4\frac{5}{8}$ x $1\frac{5}{8}$.

316 Narrow flint spear point, with stem; length $4\frac{1}{2}$ in.

317 Spear head, of black and white flint; extreme point broken. $4\frac{5}{8}$ x $1\frac{5}{8}$.

318 Thin, twisted spear head. $4\frac{1}{2}$ x $1\frac{5}{8}$.

319 Elliptical spear head, slightly twisted; flint. 6 x $1\frac{1}{2}$.

320 Elliptical spear head, or knife. $4\frac{1}{2}$ x $1\frac{3}{4}$.

321 Thick, pointed spear head; flint. $5\frac{1}{4}$ x $1\frac{1}{2}$.

322 Spear head; black flint, resembling obsidian. 4 x $1\frac{5}{8}$.

323 Spear head. 8 x $1\frac{7}{8}$.

324 Spear head; curved. 5 x $1\frac{3}{4}$.

325 Spear head; flint, thin, fine. $3\frac{1}{2}$ x $1\frac{7}{8}$.

326 Spear head; irregular form. $4\frac{1}{8}$ x $1\frac{5}{8}$.

327 Spear head; barbed, with shank. $3\frac{5}{8}$ x $1\frac{3}{4}$.

328 Spear head; triangular, with stem. $3\frac{1}{4}$ x 2.

329 Spear head; triangular, fine. $3\frac{3}{4}$ x $2\frac{1}{8}$.

330 Spear heads; fine representative lot. $2\frac{3}{4}$ to 4 in. 12 pcs.

331 Another lot; mostly shield form, large. 12 pieces.

332 Arrow and spear points; large, very fine. 12 pieces.

333 Another fine lot; one with double stem. 12 pieces.

334 Arrow points; very fine. 12 pieces.

335 Arrow points; large size, very fine. 12 pieces.

336 Arrow points; various forms, some serrated, small. 12 pieces.

337 Spear points; mostly broad, approaching the shield form; large, extra fine lot. 10 pieces.

338 Arrow and spear points; fine lot. 12 pieces.

339 Spear points; large size, extra lot. 13 pieces.

340 Spear points; extra large and fine. 4 pieces.

341 Arrow points; large, one finely serrated. 12 pieces.

342 Arrow points; great variety; one a war point of the largest size. 12 pieces.

343 Arrow points; extra lot. 12 pieces.

344 Arrow points; small, fine. 12 pieces.

345 Arrow points; extra size, fine lot. 9 pieces.

346 Arrow points; small, fine. 12 pieces.

347 Arrow points; minute, fine. 2 pieces.

348 Arrow points; very fine. 7 pieces.

349 Arrow point, with double stem; *rare form.*

350 Arrow points; rounded, scarce form. 2 pieces.

351 A lot of spear and arrow points, of superior workmanship and fine material, many large; all are blemished, but only slightly; a very desirable lot. 40 pieces.

352 Another similar lot; contains examples of the serrated and double tanged varieties. 25 pieces.

353 Another lot; more imperfect. 20 pieces.

354 Arrow points; very fine. 14 pieces.

355 Spear points; large size; very superior lot. 10 pieces.

356 Spear points; large; equally desirable. 12 pieces.

357 Giant spear point; found in Leslie Township in 1874; material, coarse granite; length 13¼ in., breadth 4¾ in., weight, 4¼ lbs. A most remarkable example.

PIPES.

358 Pipe of fine-grained grayish-colored stone. The base of this pipe, pierced for the stem, is square, with the corners taken off, 6½ in. in length, 1⅛ in. square; the bowl rises in the form of an inverted cone to the height of 2½ in., with a diameter of 1¾ in.; perched on the base, facing the bowl, is a remarkably well-executed figure of a bald-headed eagle with closed wings; this figure is 3¾ in. long and stands 2¾ in

high; the stem is of hard wood, stained to resemble rosewood, is about 2 in. wide and 3 feet long, for about half its length twisted like an auger, and is elaborately ornamented with bead-work and ribbons.

This pipe, made by Push-qua-gin, chief of a Lake Superior tribe of Indians, is perhaps the most remarkable illustration extant of Indian artistic taste and mechanical ingenuity. The chief took it to Washington in 1873, where it was smoked by Gen. Grant and others; he afterwards sold it to Indian Agent George I. Betts, from whom it was purchased by Mr. Jenison.

359 Pipe; in its general form resembling the one last described, with the exception of the eagle, in the place of which there is set upon the base an upright tablet $2\frac{1}{2}$ x $1\frac{1}{4}$ in., the upper edge and one end of which are cut into a series of notches; the material is black basaltic rock; it was dug from a mound in California in 1849; it is finely finished and in perfect condition and most desirable; length $4\frac{1}{4}$ in., height $3\frac{1}{4}$ inches.

360 Large stone pipe of irregular shape, but somewhat rounded and flattened; the sides ornamented with a rude representation of basket work; of the mound builders; *very rare*. $4\frac{1}{2}$ in. high, $3\frac{1}{2}$ in. wide, $2\frac{1}{2}$ in. thick.

361 Pipe of coarse sand stone; the body nearly round, the top flaring; very ancient. Its form suggests the idea that it was intended to possess some phallic significance; *very rare;* perfect, except that the edge of the flange is broken; length $3\frac{3}{8}$ in., diameter $1\frac{1}{2}$ in., of the flange $2\frac{1}{4}$ in.

362 Small, dark colored stone pipe; the edge has been scraped, in other respects perfect; ancient; height 2 in., diameter $1\frac{1}{4}$ in.

363 Black stone pipe; sugar loaf form, highly ornamented; perforated for suspension; ancient; a beautiful little pipe.

364 Antique pipe; of the material of this piece I am not certain,—it may be pottery, but appears to be stone disintegrated by age; slightly imperfect. $2\frac{3}{4}$ x $1\frac{1}{4}$ in.

365 Pipe of Catlinite; old, but not pre-historic; nearly square. $3\frac{1}{8}$ x $\frac{3}{4}$ in.

366 Pipe; sandstone, ancient. Mr. Jenison says: "The oldest, and therefore one of the most rare in my collection." The stem of this pipe is roundish, flattened on the upper side; $1\frac{1}{8}$ in. in diameter where the stem

merges into the bowl, tapering towards the end; a little piece broken from the edge of the bowl; length $5\frac{1}{2}$ in., height $1\frac{7}{8}$ in.

367 Beautiful little pipe of dark striped stone; ancient, and as perfect as when it was made; length $1\frac{7}{8}$ in., diameter $1\frac{1}{8}$ in.

368 Small sandstone pipe; in form and style much resembling No. 360; it is, however, more regular in form and more highly ornamented. $2\frac{1}{2}$ x $2\frac{1}{4}$.

369 Mound builder's pipe, dug from a mound in Kent Co.; of dark stone, beautifully polished; the base $6\frac{5}{8}$ in. long, $2\frac{1}{2}$ in. wide at one end, tapering to $1\frac{1}{2}$ in. at the other; convex at the bottom, with a ridge at the top, from the centre of which rises an urn-shaped bowl with flaring top, the bowl 2 in. high, the top $2\frac{1}{4}$ in. in diameter; as perfect as when made, with the exception of two minute notches, one on the edge of the bowl, the other in the base which constitutes the stem. I consider this the finest and most desirable ancient stone pipe that I have ever seen.

370 Catlinite pipe; 6 in. long, conical bowl $2\frac{1}{2}$ in. high; stem broken by a clean fracture, easily repaired so as to make the injury invisible.

371 Camanche pipe; made from a deer's leg bone, wound with ligaments, very curious and rare; length 7 in.

372 Sioux pipe-stem; of light wood studded with brass nails, profusely ornamented with fur and feathers, hair, braided straw and bright ribbons; fits either the Push-qua-gin pipe or the Catlinite one last described; length $2\frac{1}{2}$ ft., width $1\frac{5}{8}$ in.

MISCELLANEOUS.

373 Celt; slightly grooved at the sides and a perforation commenced on one side. $3\frac{3}{4}$ x $1\frac{3}{4}$.

374 Object in form of many of the pendants, but without the perforation. 4 x $1\frac{1}{2}$.

375 Another; thin, pointed at one end, cutting edge on both sides. $5\frac{1}{2}$ x $1\frac{5}{8}$.

376 Another; oblong, with rounded ends. 4 x $1\frac{3}{4}$.

377 Pistol-shaped object of striped slate, like that of which the amulets are made; large oval perforation; both the object and the perforation are of unusual form. $3\frac{1}{4}$ x $2\frac{1}{4}$.

378 Another pistol-shaped object; sharp on the upper edge; a most remarkable form. $5\frac{5}{8}$ x $3\frac{1}{2}$.

379 Plumb-bob; top-shaped instead of the ordinary form; at the top is a long projection, around which is a very slight crease; very heavy; length $3\frac{5}{8}$, diameter $1\frac{1}{2}$.

380 Nearly square flesher. $2\frac{5}{8}$ x 2.

381 Beautiful paint cup of variegated stone; polished inside and out; diameter $1\frac{3}{4}$ in., height 1 in.

382 Tomahawk; chipped from a mottled reddish stone resembling feldspar; very fine, a rare form. $4\frac{5}{8}$ x 3.

383 Shovel or spade. This remarkable implement, the use of which seems obvious, has a somewhat oblong, nearly square blade, 5 in. long and $4\frac{1}{4}$ in. wide; at the top of the blade a shoulder is formed, and the instrument is contracted to the width of only $2\frac{1}{2}$ in., thus forming a handle $4\frac{1}{2}$ in. long. The Smithsonian Institute borrowed this object and had a cast made from it. $9\frac{1}{2}$ x $4\frac{1}{4}$.

384 Polishing stone; shaped somewhat like a lady's slipper; the stone has a sharp cutting grain, and it was used for polishing stone implements. $7\frac{3}{4}$ x 2.

385 Gouge; shows marks of great age; in perfect condition, except that the edge is dulled and a little chipped; a rare form amongst Western implements. $8\frac{1}{4}$ x $2\frac{1}{4}$.

386 Sinker; round, flattened near one extremity; both a groove and a perforation; perfect. I have never seen a similar example. $3\frac{1}{4}$ x $2\frac{3}{4}$.

387 Roller shaped stone; of the slate used for amulets; perforated at one end to the depth of $2\frac{1}{2}$ inches, and a perforation commenced at the opposite end; curious, and of unknown use. $4\frac{3}{4}$ x $1\frac{3}{4}$.

389 Chisel; fine. $3\frac{5}{8}$ x $2\frac{1}{2}$.

389 Tomahawk; ancient; of large size. [See newspaper account attached to the object.] $6\frac{1}{4}$ x 3.

390 Knife; Paleolithic; fine $3\frac{7}{8}$ x $1\frac{3}{4}$.

391 Pottery, not of the mound builders; fragments. 4 pcs.

392 Corn crusher; globular, of dark stone; fine; diameter $5\frac{1}{4}$ inches.

393 Flattened ovoid implement, called by Mr. Jenison a sledge hammer; very fine. $8\frac{1}{4}$ x $4\frac{1}{4}$.

394 Objects resembling in form No. 286, but shorter; same material, with perforation at each end. $3\frac{3}{4}$ in. long.

395 Flint knife; one side shows but a single flaked surface, the other convex and flaked in the usual way; broad ovate, pointed at one end; very fine indeed. $4\frac{1}{2}$ x 3.

396 Scrapers, sometimes called bunts; to be used with handle: one extra fine and large. 3 pieces.

397 Knives; a representative selection, illustrating form, material, and workmanship; all fine. 20 pieces.

398 Knives, drills, arrow heads, etc.; some very fine, others imperfect. 10 pieces.

399 Drill: very fine and large; length $3\frac{3}{4}$ in.

400 Drills; a very fine lot, $1\frac{1}{2}$ to $3\frac{1}{2}$ inches in length. 12 pcs.

401 Arrow points; two of white quartz; all fine. 4 pieces.

402 Bone needle, ornamented with cross lines; rare. $3\frac{1}{8} \times \frac{1}{8}$.

403 Beads; one apparently of stone, the other of bone: length about 1 in., diameter somewhat less; very rare and fine. 2 pieces.

404 Amulet; pierced; one end broken, but shows perforation. $2\frac{5}{8}$ in.

COPPER IMPLEMENTS AND OBJECTS.

405 Knife; sickle shape; measures on the outer curve 7 in., width $\frac{1}{2}$ in.; very fine; all copper implements are rare.

406 Ball; seems to be of copper pyrites coated with metallic copper; very curious indeed, but whether artificial or a natural formation I am in doubt; diameter $2\frac{1}{8}$ in., weight over 8 ounces.

407 Bowl-shaped dish: taken from a mound in Saginaw County, in 1850. In form this copper bowl bears a wonderful resemblance to a human skull. Its capacity is about 3 pints, the edge thin and irregular, and at two opposite points the jagged imperfection extends down nearly half way to the bottom of the vessel; evidently cast in a mould, but the interior indicates that the mould had no "core," and that the copper was gradually turned in and allowed to cool in small quantities on the inner surface, thus producing the peculiar form. At one point the wall of the vessel is much thickened, showing that a mass of the half-melted copper slipped down, or perhaps that the residue, after forming the vessel, was thrown in, in bulk. The longest diameter of this most remarkable and interesting object is $7\frac{1}{4}$ in., its depth nearly 4 in., and the weight 3 lbs. 11 ozs.

INDIAN IMPLEMENTS, Etc. — MODERN.

408 Tomahawk of iron; found at Allegan in 1830; probably brought to this country by some of the earliest missionaries or explorers; all in one piece; end of the handle has a hole for a string; extremely rare; length 11½ inches.

409 Tomahawk and pipe combined; brass, elaborately but coarsely chased; one side bears the figure of an Indian with bow and arrow, the other of a beaver; purchased from a Chippewa Indian at Taylor's Forks, Minnesota; with handle; very fine.

410 Tomahawk; steel; the head pierced for a pipe.

411 Tomahawk; iron; of early French or English make; fine, rare.

412 Tomahawk; iron, like the last; smaller.

413 Tomahawk; iron, same style, but lighter, of finer finish, and has a tree-like ornament engraved on one side.

414 Sioux Scalping Knife; edge sharpened from one side, to adapt it for its special work; length 9½ inches; in raw hide case highly ornamented with bead work and brass studs; in same case, a round-pointed wooden implement, of unknown use.

415 Scalping, or hunting knife; brass handle. 8½ in. long.

416 Sioux Indian war club; a murderous implement; profusely ornamented with brass nails; from one side project three steel blades, 7½ in. long; length of the club, 39 inches.

417 An Indian warrior's outfit; captured from a Cheyenne brave by the Osages, in a great Indian fight some years ago; comprising bow over four feet long, ready strung for use; 8 arrows, some of which are even now crusted with blood, with quiver and bow case of tanned buffalo hide; this case and quiver are believed to be more than seventy years old. Attached to the bow, is an interesting account of the articles.

418 Sioux Indian bow and six arrows.

419 Ute Indian bow and three arrows.

420 Lariat; of leather braided, of great strength and 40 feet in length.

421 Buckskin Saddle-bags; highly ornamented with beads; length of the bag 39 inches, width 11½ inches; at each end a fringe of leather more than 15 inches in length;

captured from Little Bear, Cheyenne chief, and presented to Indian agent, E. W. Burton. An uncommonly fine example of Indian work, being as perfect as when made.

422 Indian Bracelet; of tanned leather, ornamented with a profusion of brass-headed nails; very fine.

CONSIGNMENT.

423 1795 United States Dollar: flowing hair; very good.
424 1795 Dollar; fillet head; very good.
425 1795 Dollar; fillet head; almost fine.
426 1798 Dollar; poor.
427 1798 Dollar; about the same; a little better.
428 1799 Dollar; good.
429 1801 Dollar; very good.
430 1803 Half dollar; good.
431 1805 Half Dollar; over 1804; good, very scarce.
432 1806 Half Dollar; fair. 2 pieces.
433 1807 Half Dollar; head to left; very good.
434 1811 Half Dollar; fair.
435 1839 Half Dollar; good.
436 1878 Half Dollar; good.
437 1806 Quarter Dollar; good and fair. 2 pieces.
438 1806 Quarter Dollar; very good.
439 1807 Quarter Dollar; poor.
440 1815 Quarter Dollar; good.
441 1818 Quarter Dollar; very good.
442 1819-'21 Quarter Dollars; both fair. 2 pieces.
443 1875-'76 Twenty Cent Pieces; all good. 3 pieces.
444 1803 Dime; only tolerably good, rare.
445 1805 Dime; poor, scarce.
446 1807 Dime; about the same.
447 1814, '20 Dimes; poor. 2 pieces.
448 1823, '27 Dimes; rather poor. 2 pieces.
449 1853 Dime; no arrow heads; only fair, scarce.
450 1794 Half Dime; pierced, in other respects almost fine, *rare*.
451 1635 and other dates; small silver coins; all good. 4 pcs.

452 State Cents; Vermont, Massachusetts, Connecticut, and New Jersey; a fair lot. 25 pieces.

453 A set of United States Cents; complete, with the exception of 1799 and 1809; all the rare dates are poor, some of the others very fair. 75 pieces.

454 Currency of the war; a great variety, mostly fine. 161 ps.

455 Sutlers' Checks; different, fine. 7 pieces.

456 Centennial Medals; Declaration of Independence; tin, proofs, in boxes. 60 pieces.

457 Old spring Lancet, and an ancient gun lock; rusted.

458 Historical Account of American Coinage, by John H. Hickcox. 4°, half mor. Albany, 1858.

One of only five copies printed on large paper; one copy of this edition was sold for $75.

459 American Journal of Numismatics. Vols. 3, 4 and 5 complete, in numbers. 3 vols.

460 Astro-Theology; by W. Derham. 8°, calf. London, 1731.

461 L'Univers Enigmatique. 12°, calf. 1762.

462 The Roll of Honor. Names of soldiers who died in defence of the American Union. 5 vols., paper.

463 Dawson's Current Fictions, and two other pamphlets and three newspapers—two old, and one Confederate. 6 pieces.

464 Confederate, Southern State and broken bank bills, various denominations; 50 cents to 500 dollars; mostly good. 104 pieces.

465 Maryland Note for One and Two-thirds Dollars, July 26, 1875.

I have never before seen or heard of a note of this date and denomination, and cannot find it mentioned in any work on the subject. The reading all legible, but the note is somewhat ragged.

466 Virginia Note; Fifty Dollars; Oct. 5, 1758; torn and mended; *rare.*

467 Pennsylvania, Delaware, Maryland, and Confederate notes; various dates and denominations; a good lot, some fine, several scarce. 36 pieces.

468 Virginia Note; Ten Dollars; July 17, 1775: very good and *very rare.*

469 Virginia Note, Five Dollars; May 6, 1776; good, *rare.*

470 Virginia Note, Ten Dollars; May 3, 1779; a little ragged; *very rare.*

471 Virginia Notes; various denominations and dates: all good, and all rare. 8 pieces.

472 Ancient Lease, on parchment; parchment document signed by James Monroe; fac-simile of plan and document by Geo. Washington; a Revolutionary pass; and an original ticket to the Lafayette Ball in Cincinnati, May, 1825. 5 pieces.

THREE DESIRABLE THINGS.

473 1802 Half Dollar; the stars not well struck up and the planchet not perfectly smooth; but barely circulated, and in quality about equal to the one sold not long since for $36; *so fine, very rare.*

474 1796 Cent; fillet head; *uncirculated*, and of beautiful color; from the Nichols hoard, and one of the best: *exceesively rare.*

475 1797 Cent companion piece, and even finer than the last, the obverse having a proof surface; from the same source, and *equally rare.*

Unk Sale 928.66

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